.-online.com antibodies

Datasheet for ABIN2668708 anti-NR1H3 antibody (N-Term)

3 Images

1 Publication



Overview

Quantity:	100 µL
Target:	NR1H3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR1H3 antibody is un-conjugated
Application:	Western Blotting (WB), ChIP DNA-Sequencing (ChIP-seq), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	This LXR-alpha antibody was raised against a peptide in the N-terminal region of human LXR-
	alpha.
Isotype:	lgG
Purification:	Affinity Purified

Target Details

Target:	NR1H3
Alternative Name:	LXR-alpha (NR1H3 Products)
Molecular Weight:	52 kDa

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2668708 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Gene ID:	10062
Pathways:	Nuclear Receptor Transcription Pathway, Steroid Hormone Mediated Signaling Pathway, Nuclear Hormone Receptor Binding, Cellular Response to Molecule of Bacterial Origin, Hepatitis
	C
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles and keep on ice when not in storage.
Storage:	-20 °C
Storage Comment:	Antibodies in solution can be stored at -20 °C for 2 years.
Expiry Date:	6 months
Publications	
Product cited in:	Harada, Okada, Saiwai, Aoki, Nakamura, Ohkawa: "Generation of a rat monoclonal antibody

specific for Pax7." in: Hybridoma (2005), Vol. 28, Issue 6, pp. 451-3, (2009) (PubMed).







Chromatin Immunoprecipitation

Image 1. LXR- α antibody (pAb) tested by ChIP-chip. ChIP was performed using the ChIP-IT® High Sensitivity Kit (Cat. No. 53040) with chromatin from 2 million mouse embryonic fibroblasts. ChIP DNA was amplified by WGA, labeled and hybridized to a mouse tiling array. The image is zoomed in to show LXR- α binding at the promoter of the retinoic acid inducible gene Zmiz1. LXR binding at this gene is expected since LXR is known to form heterodimers with RXR (retinoic acid receptor).

Chromatin Immunoprecipitation

Image 2. LXR- α antibody (pAb) tested by ChIP. Chromatin immunoprecipitation (ChIP) was performed using the ChIP-IT® High Sensitivity Kit (Cat. No. 53040) with 20 µg of mouse embryonic fibroblast chromatin and 10 µl of LXR- α antibody. ChIP DNA was used in qPCR with the negative control primer pairs or gene-specific primer pairs as indicated. Data are presented as Binding Events Detected per 1000 Cells using Active Motif's Epigenetic Services normalization scheme which accounts for primer efficiency and the amount of chromatin used in the ChIP reaction.

Western Blotting

Image 3. LXR- α antibody (pAb) tested by Western blot. Whole cell extract of Hep G2 cells (30 µg) probed with LXR- α antibody (pAb) at a dilution of 1:500.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN2668708 | 09/11/2023 | Copyright antibodies-online. All rights reserved.